OLYMPIC PLACE APARTMENTS ROUGH GRADING

ARLINGTON STANDARD GENERAL NOTES ARLINGTON STANDARD TESC NOTES

- 1. ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS STANDARDS AND SPECIFICATIONS, AND THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
- 2. IT IS THE SOLE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO OBTAIN A GRADING PERMIT, RIGHT-OF-WAY PERMIT, AND UTILITY PERMITS, FROM THE CITY. ALL REQUIRED PERMITS FROM OTHER AGENCIES MUST ALSO BE OBTAINED BY THE DEVELOPER/CONTRACTOR.
- PRIOR TO ANY CONSTRUCTION ACTIVITY, THE DEVELOPER/ CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE CITY. THE CONSTRACTOR SHALL SCHEDULE THE PRECONSTRUCTION CONFERENCE BY CALLING (360) 403-3500. PRIOR TO SCHEDULING, THE CONTRACTOR MUST SUBMIT AND RECEIVE APPROVAL FOR THE TRAFFIC CONTROL PLAN, CITY PERMITS, TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, PERFORMANCE BOND, COPY OF OTHER AGENCY PERMITS, A COPY OF THE CONTRACTOR'S LICENSE, AND PROOF OF INSURANCE COVERAGE.
- 4. A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE ON THE JOB SITE WHEN CONSTRUCTION IS IN PROGRESS.
- 5. ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER. THE CITY ENGINEER. AND OTHER APPROPRIATE PUBLIC AGENCIES.
- 6. ALL OF THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS.
- 7. THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATE SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- 8. INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY REPRESENTATIVES OF THE CITY OF ARLINGTON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF ITEMS THAT DO NOT MEET CITY STANDARDS OR WERE CONSTRUCTED WITHOUT
- 9. THE CONTRACTOR SHALL KEEP THE ON-SITE AND OFF-SITE STREETS CLEAN AT ALL TIMES BY CLEANING WITH A SWEEPING AND/OR VACUUM TRUCK. WASHING OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY INSPECTOR. 10. THE CONTRACTOR SHALL MAINTAIN TWO (2) SETS OF "ASBUILT" PLANS SHOWING ALL FIELD CHANGES AND MODIFICATIONS. IMMEDIATELY AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL DELIVER BOTH COPIES OF RED-LINED PLANS TO THE CITY.

THE CITY WILL FORWARD ONE OF THE COPIES TO THE DESIGN ENGINEER.

- APPROVAL OF THE TEMPORARY EROSION/SEDIMENT CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR STORM DRAINAGE DESIGN
- 2. A TESC PLAN MEETING THE DOE STORM WATER MANAGEMENT MANUAL ADOPTED BY THE CITY SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ANY WORK ON THE SITE. AN APPROVED COPY MUST BE MAINTAINED ON-SITE AND BE READILY AVAILABLE TO THE CITY INSPECTOR AT THEIR REQUEST.
- 3. THE TESC BMP'S SHOWN ON THE PLAN MUST BE INSTALLED PRIOR TO ALL OTHER CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, LEAVE THE SITE, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE TESC PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE CITY.
- THE BOUNDARIES OF THE CLEARING LIMITS, SHOWN ON THE TESC PLAN, SHALL BE CLEARLY FENCED OR FLAGGED IN THE FIELD PRIOR TO STARTING CONSTRUCTION. NO DISTURBANCE BEYOND THE FENCED OR FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FENCING AND/OR FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
- THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AND ADDED TO AS NEEDED, FOR UNEXPECTED STORM EVENTS AND TO REFLECT CHANGED CONDITIONS. AS REQUIRED BY THE CITY.
- THE CONTRACTOR SHALL PROVIDE THE CITY A 24-HOUR EMERGENCY CONTACT PHONE NUMBER OF THE CONTRACTOR' CERTIFIED EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION.
- THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED FUNCTION AND
- 8. BETWEEN OCTOBER 1 AND APRIL 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE IMMEDIATELY COVERED BY MULCH, SOD OR PLASTIC COVERING. BETWEEN MAY 1 AND SEPTEMBER 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE IMMEDIATELY COVERED BY SEEDING OR OTHER APPROVED METHODS.
- SEDIMENT DEPOSITS SHALL BE REMOVED FROM ALL CATCH BASINS, PRE-TREATMENT/SEDIMENT POND, AND SEDIMENT TRAPS UPON REACHING A DEPTH OF 12 INCHES
- 10. ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES, SHALL PROVIDE ADEQUATE STORAGE CAPACITY, AND SHALL BE CLEANED OUT ENTIRELY ONCE THE SITE IS STABILIZED. IF THE PERMANENT FACILITY IS TO ULTIMATELY FUNCTION AS AN INFILTRATION SYSTEM. THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
- 11. WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROXIMATE RATE OF 120 LBS PER ACRE.
- 12. WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES, OR 3,000 POUNDS PER ACRE.
- 13. SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS. WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE, STABILIZATION BY GROUND COVER BMP's SHALL OCCUR AT THE END OF EACH WORK
- 14. STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- 15. MAINTENANCE AND REPAIR OF TESC FACILITIES AND STRUCTURES SHALL BE CONDUCTED IMMEDIATELY UPON RECOGNITION OF A PROBLEM OR WHEN THE TESC MEASURES BECOME DAMAGED.
- 16. UPON COMPLETION OF THE PROJECT, ALL BMP'S SHALL BE REMOVED FROM THE SITE AND RIGHT OF WAY. IF BMP'S ARE REQUIRED TO REMAIN IN PLACE FOR FURTHER PROTECTION. ARRANGEMENTS FOR REMOVAL SHALL BE MADE WITH THE CITY INSPECTOR.
- THE DUFF LAYER AND NATIVE TOPSOIL SHALL BE RETAINED IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICABLE. ALL AREAS SUBJECT TO CLEARING AND GRADING THAT WILL NOT BE COVERED BY IMPERVIOUS SURFACE, INCORPORATED INTO A DRAINAGE FACILITY OR ENGINEERED AS STRUCTURAL FILL OR SLOPE SHALL, AT THE PROJECT COMPLETION DEMONSTRATE THE REQUIREMENTS ESTABLISHED IN 2014 SWMMWW T5.13, POST-CONSTRUCTION SOIL QUALITY AND DEPTH.

PROJECT CONTACTS

OWNER TREVOR GASKIN GBI GROUP 328 N OLYMPIC AVE ARLINGTON. WA 98223 (360) 474-0600 TREVOR@COAST-GROUP.COM

CONTRACTOR TREVOR GASKIN COAST CONSTRUCTION GROUP 328 N OLYMPIC AVE ARLINGTON, WA 98223 (360) 474-0600 TREVOR@COAST-GROUP.COM

CIVIL ENGINEER ERIC SCOTT - PRINCIPAL TERRAVISTA NW CONSULTING ENGINEERS 3204 SMOKEY POINT DRIVE, SUITE 207 ARINGTON, WA 98223 (360) 691-9272 **ÈRICS@TERRAVISTANW.COM**

CESCL DAVE PRAUSE COAST CONSTRUCTION GROUP 328 N OLYMPIC AVE ARLINGTON, WA 98223 (425) 315-4799 STEVER@COAST-GROUP.COM

SURVEYOR BRIAN DEBOER BENCHMARK SURVEYING, LLC 8204 35TH ST NE MARYSVILLE, WA 98270 (206) 459-7010

THIS PLAN HAS BEEN REVIEWED AND EVALUATED FOR GENERAL COMPLIANCE WITH THE CITY OF ARLINGTON CODES AND ORDINANCES. CONFORMANCE OF THE DESIGN WITH ALL APPLICABLE LAWS AND REGULATIONS IS THE FULL AND COMPLETE REPSONSIBILITY OF THE LICENSED DESIGN ENGINEER WHOSE STAMP AND SIGNATURE APPEAR ON THIS SHEET. ACKNOWLEDGEMENT OF CONSTRUCTION DRAWING REVIEW DOES NOT IMPLY CITY APPROVAL FOR CONSTRUCTION ACTIVITIES THAT REQUIRE OTHER COUNTY, STATE OR FEDERAL PERMIT REVIEW AND APPROVAL. THE PROPERTY OWNER AND LICENSED DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE ACQUISTION AND COMPLIANCE OF ALL APPLICABLE PERMITS AND/OR AUTHORIZTION WHICH MAY INCLUDE, BUT ARE NOT LIMITED TO, WSDFW HYDRAULIC PROJECT APPROVAL (HPA), WSDOE NOTICE OF INTENT (NOI), ARMY CORP OF ENGINEERS FILL PERMITS AND THE REQUIREMENTS OF THE ENDANGERED SPECIES ACT.

CITY OF ARLINGTON CONSTRUCTION DRAWING REVIEW ACKNOWLEDGEMENT

Nova Heaton, PE, Development Services Manager

THESE APPROVED CONSTRUCITON PLANS EXPIRE AFTER 18 MONTHS FROM THE DATE SHOWN ABOVE OR UPON EXPIRATION OF PRELIMINARY PLAT OR SITE PLAN APPROVAL.

PROJECT SITE INFORMATION

SURVEY REFERENCE BASE INFORMATION PROVIDED BY BENCHMARK SURVEYING, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

HORIZONTAL MERIDIAN: NAD83/2011 **VERTICAL DATUM: NAVD88** PARCEL NUMBER 00893800002800

LEGAL DESCRIPTION JENSEN FARM DIV 3 BLK 000 D-00 - LOT 28 ZONING

GC-GENERAL COMMERCIAL WITH MIXED USE OVERLAY AIRPORT PROTECTION DISTRICT SUBDISTRICT: C

TOTAL SIZE: 1.65 ACRES

CLEARED SIZE: 1.40 ACRES

DEVEL NEW IMPERVIOUS AREA: 0 SF (0.000 ACRES)

CUT/FILL ESTIMATED QUANTITIES

SITE CUT AND FILL QUANTITIES ARE CALCULATED FROM AVAILABLE INFORMATION PROVIDED BY THE OWNER PRIOR TO CONSTRUCTION. ACTUAL QUANTITIES WILL VARY. QUANTITIES SHOWN ARE FOR PERMITTING PURPOSES ONLY AND SHALL NOT BE USED FOR BIDDING. BIDDERS SHALL PERFORM THEIR OWN QUANTITY

2,200 CY: TOPSOIL STRIPPING

0 CY: SITE CUT

6,300 CY: SITE FILL

Wetlang School Arlington E 1st St Middle

VICINITY MAP



APARTMENT Q

PLA

RG1

JOB NO. 211102

NO DESCRIPTION

RG2 RG3 RG4 RG5

SHEET INDEX

	COVER	16. U
	SWPPP NOTES	F
	TESC PLAN	17. 1
	ROUGH GRADING SITE PLAN	
	DETAILS	F
REF	EXISTING CONDITIONS	

1. PRESERVE VEGETATION / MARK CLEARING LIMITS

BEFORE BEGINNING LAND DISTURBING ACTIVITIES, INCLUDING CLEARING AND GRADING, CLEARLY MARK ALL CLEARING LIMITS, SENSITIVE AREAS AND THEIR BUFFERS, AND TREES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION

RETAIN THE DUFF LAYER, NATIVE TOP SOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM DEGREE PRACTICAL. IF IT IS NOT PRACTICAL TO RETAIN THE DUFF LAYER IN PLACE, THEN STOCKPILE IT ON-SITE, COVER IT TO PREVENT EROSION, AND REPLACE IT IMMEDIATELY WHEN YOU FINISH DISTURBING THE SITE.

➤ C101: PRESERVING NATURAL VEGETATION

C102: BUFFER ZONES

➤C103: HIGH VISIBILITY FENCE

➤C233: SILT FENCE

2. ESTABLISH CONSTRUCTION ACCESS

LIMIT CONSTRUCTION VEHICLE ACCESS AND EXIT TO ONE ROUTE, IF POSSIBLE. STABILIZE ACCESS POINTS WITH A PAD OF QUARRY SPALLS, CRUSHED ROCK, OR OTHER EQUIVALENT BMPS, TO MINIMIZE TRACKING SEDIMENT ONTO ROADS. LOCATE WHEEL WASH OR TIRE BATHS ON SITE, IF THE STABILIZED CONSTRUCTION ENTRANCE IS NOT EFFECTIVE IN PREVENTING TRACKING SEDIMENT ONTO ROADS. IF SEDIMENT IS TRACKED OFF SITE, CLEAN THE AFFECTED ROADWAY THOROUGHLY AT THE END OF EACH DAY, OR MORE FREQUENTLY AS NECESSARY (FOR EXAMPLE, DURING WET WEATHER). REMOVE SEDIMENT FROM ROADS BY SHOVELING, SWEEPING, OR PICK UP AND TRANSPORT THE SEDIMENT TO A CONTROLLED SEDIMENT DISPOSAL AREA. CONDUCT STREET WASHING ONLY AFTER SEDIMENT IS REMOVED IN ACCORDANCE WITH THE ABOVE BULLET CONTROL STREET WASH WASTEWATER BY PUMPING BACK ON SITE OR OTHERWISE PREVENTING IT FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE. MINIMIZE CONSTRUCTION SITE ACCESS POINTS ALONG LINEAR PROJECTS, SUCH AS ROADWAYS. STREET WASHING MAY REQUIRE LOCAL JURISDICTION APPROVAL.

➤ C105: STABILIZE CONSTRUCTION ENTRANCE/EXIT

C106: WHEEL WASH

C107: CONSTRUCTION ROAD/PARKING AREA STABILIZATION

3. CONTROL FLOW RATES

PROTECT PROPERTIES AND WATERWAYS DOWNSTREAM OF DEVELOPMENT SITES FROM EROSION AND THE ASSOCIATED DISCHARGE OF TURBID WATERS DUE TO INCREASES IN THE VELOCITY AND PEAK VOLUMETRIC FLOW RATE OF STORMWATER RUNOFF FROM THE PROJECT SITE. WHERE NECESSARY, CONSTRUCT STORMWATER RETENTION OR DETENTION FACILITIES AS ONE OF THE FIRST STEPS IN GRADING. ASSURE THAT DETENTION FACILITIES FUNCTION PROPERLY BEFORE CONSTRUCTING SITE IMPROVEMENTS (E.G. IMPERVIOUS SURFACES). IF PERMANENT INFILTRATION PONDS ARE USED FOR FLOW CONTROL DURING CONSTRUCTION. PROTECT THESE FACILITIES FROM SILTATION DURING THE CONSTRUCTION PHASE.

C203: WATER BARS

C207: CHECK DAMS

C209: OUTLET PROTECTION

C235: WATTLES ➤ C240: SEDIMENT TRAP

C241: TEMPORARY SEDIMENT POND

4. INSTALL SEDIMENT CONTROLS

INSTALL AND MAINTAIN EFFECTIVE EROSION CONTROLS AND SEDIMENT CONTROLS TO MINIMIZE THE DISCHARGE OF POLLUTANTS. CONSTRUCT SEDIMENT CONTROL BMPS (SEDIMENT PONDS, TRAPS, FILTERS, ETC.) PRIOR TO GRADING.

C231: BRUSH BARRIER

C232: GRAVEL FILTER BERM ➤C233: SILT FENCE

C234: VEGETATED STRIP

C235: WATTLES

➤ C240: SEDIMENT TRAP

C241: TEMPORARY SEDIMENT POND

C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT

C251: CONSTRUCTION STORMWATER FILTRATION

5. STABILIZE SOILS

SOILS MUST NOT REMAIN EXPOSED AND UNWORKED FOR MORE THAN THE TIME PERIODS SET FORTH BELOW TO PREVENT EROSION. DURING THE DRY SEASON (MAY 1 - SEPT. 30): 7 DAYS.

DURING THE WET SEASON (OCTOBER 1 - APRIL 30): 2 DAYS.

STABILIZE SOILS AT THE END OF THE SHIFT BEFORE A HOLIDAY OR WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. STABILIZE SOIL STOCKPILES FROM EROSION, PROTECT WITH SEDIMENT TRAPPING MEASURES, AND WHERE POSSIBLE, BE LOCATED AWAY FROM STORM DRAIN INLETS, WATERWAYS, AND DRAINAGE CHANNELS. MINIMIZE THE AMOUNT OF SOIL EXPOSED DURING CONSTRUCTION ACTIVITY. MINIMIZE THE DISTURBANCE OF STEEP SLOPES.

C120: TEMPORARY AND PERMANENT SEEDING

C121: MULCHING

C122: NETS AND BLANKETS

C123: PLASTIC COVERING

C124: SODDING

C125: TOPSOILING / COMPOSTING

C126: POLYACRYLAMIDE (PAM) FOR SOIL EROSION PROTECTION

C130: SURFACE ROUGHENING C131: GRADIENT TERRACES

➤ C140: DUST CONTROL

6. PROTECT SLOPES

DIVERT OFF-SITE STORMWATER (RUN-ON) OR GROUND WATER AWAY FROM 11. MAINTAIN BMP's SLOPES AND DISTURBED AREAS WITH INTERCEPTOR DIKES, PIPES, AND/OR SWALES. OFF-SITE STORMWATER SHOULD BE MANAGED SEPARATELY FROM STORMWATER GENERATED ON THE SITE. PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF TRENCHES, CONSISTENT WITH SAFETY AND SPACE CONSIDERATIONS.

C120: TEMPORARY AND PERMANENT SEEDING

C121: MULCHING

C122: NETS AND BLANKETS

C123: PLASTIC COVERING C124: SODDING

C130: SURFACE ROUGHENING

C131: GRADIENT TERRACES

C200: INTERCEPTOR DIKE AND SWALE

C201: GRASS-LINED CHANNELS

C203: WATER BARS

C204: PIPE SLOPE DRAINS

C205: SUBSURFACE DRAINS

C206: LEVEL SPREADER C207: CHECK DAMS

C208: TRIANGULAR SILT DIKE (TSD)(GEOTEXTILE-ENCASED CHECK

DAM)

7. PROTECT DRAIN INLETS

PROTECT ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SO THAT STORMWATER RUNOFF DOES NOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR TREATED TO REMOVE SEDIMENT. CLEAN OR REMOVE 13. PROTECT LOW IMPACT DEVELOPMENT AND REPLACE INLET PROTECTION DEVICES WHEN SEDIMENT HAS FILLED ONE-THIRD OF THE AVAILABLE STORAGE (UNLESS A DIFFERENT STANDARD IS SPECIFIED BY THE PRODUCT MANUFACTURER). INLETS SHOULD BE INSPECTED WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.

➤ C220: STORM DRAIN INLET PROTECTION

8. STABILIZE CHANNELS AND OUTFALLS

CONSTRUCT AND STABILIZE ALL ON-SITE CONVEYANCE CHANNELS TO PREVENT EROSION. PROVIDE STABILIZATION, INCLUDING ARMORING MATERIAL, ADEQUATE TO PREVENT EROSION OF OUTLETS. ADJACENT STREAMBANKS. SLOPES. AND DOWNSTREAM REACHES AT THE OUTLETS OF ALL CONVEYANCE SYSTEMS. STABILIZE CHANNEL BY PLACING BLANKET PRODUCT FIRST, THEN ADD CHECK DAMS AS NECESSARY TO FUNCTION AS AN ANCHOR AND TO SLOW THE FLOW OF WATER.

C202: CHANNEL LINING

C122: NETS AND BLANKETS

C207: CHECK DAMS

C209: OUTLET PROTECTION

9. CONTROL POLLUTANTS

INSTALL, IMPLEMENT, AND MAINTAIN EFFECTIVE POLLUTION PREVENTION MEASURES TO MINIMIZE THE DISCHARGE OF POLLUTANTS. HANDLE AND DISPOSE OF ALL POLLUTANTS. INCLUDING WASTE MATERIALS AND DEMOLITION DEBRIS THAT OCCUR ON-SITE IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORMWATER.

C151: CONCRETE HANDLING

C152: SAWCUTTING AND SURFACING POLLUTION PREVENTION

C153: MATERIAL DELIVERY, STORAGE AND CONTAINMENT

C154: CONCRETE WASHOUT AREA

C250: CONSTRUCTION STORMWATER CHEMICAL TREATMENT

C251: CONSTRUCTION STORMWATER FILTRATION

C252: HIGH PH NEUTRALIZATION USING CO2

C253: PH CONTROL FOR HIGH PH WATER

10. CONTROL DEWATERING

DISCHARGE CLEAN, NON-TURBID DE-WATERING WATER, SUCH AS WELL-POINT GROUND WATER, TO SYSTEMS TRIBUTARY TO, OR DIRECTLY INTO SURFACE WATERS OF THE STATE, AS SPECIFIED IN ELEMENT #8, PROVIDED THE DE-WATERING FLOW DOES NOT CAUSE EROSION OR FLOODING OF RECEIVING WATERS OR INTERFERE WITH THE OPERATION OF THE SYSTEM. HANDLE HIGHLY TURBID OR CONTAMINATED DEWATERING WATER SEPARATELY FROM STORMWATER.

C203: WATER BARS

C236: VEGETATIVE FILTRATION

KEEP QUANTITIES OF EROSION PREVENTION AND SEDIMENT CONTROL MATERIALS ON THE PROJECT SITE AT ALL TIMES TO BE USED FOR REGULAR MAINTENANCE AND EMERGENCY SITUATIONS SUCH AS UNEXPECTED HEAVY SUMMER RAINS. MAINTAIN AND REPAIR ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION IN ACCORDANCE WITH BMP SPECIFICATIONS. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPS WITHIN 30 DAYS AFTER ACHIEVING FINAL SITE STABILIZATION OR AFTER THE TEMPORARY BMPS ARE NO LONGER NEEDED. PROVIDE PROTECTION TO ALL BMPS INSTALLED FOR THE PERMANENT CONTROL OF STORMWATER FROM SEDIMENT AND COMPACTION. ALL BMPS THAT ARE TO REMAIN IN PLACE FOLLOWING COMPLETION OF CONSTRUCTION SHALL BE EXAMINED AND PLACED IN FULL OPERATING CONDITIONS. IF SEDIMENT ENTERS THE BMPS DURING CONSTRUCTION, IT SHALL BE REMOVED AND THE FACILITY SHALL BE RETURNED TO THE CONDITIONS SPECIFIED IN THE CONSTRUCTION DOCUMENTS.

12. MANAGE THE PROJECT

INSPECT, MAINTAIN, AND REPAIR ALL BMPS AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. CONDUCT SITE INSPECTIONS AND MONITORING IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT OR LOCAL PLAN APPROVAL AUTHORITY. MAINTAIN, UPDATE, AND IMPLEMENT THE SWPPP IN ACCORDANCE WITH THE CONSTRUCTION STORMWATER GENERAL PERMIT. ALL BMPS MUST BE INSPECTED, MAINTAINED, AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SITE INSPECTIONS MUST BE CONDUCTED BY A PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROL.

PROTECT ALL BIORETENTION AND RAIN GARDEN BMPS FROM SEDIMENTATION THROUGH INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL BMPS ON PORTIONS OF THE SITE THAT DRAIN INTO THE BIORETENTION AND/OR RAIN GARDEN BMPS. RESTORE THE BMPS TO THEIR FULLY FUNCTIONING CONDITION IF THEY ACCUMULATE SEDIMENT DURING CONSTRUCTION. RESTORING THE BMP MUST INCLUDE REMOVAL OF SEDIMENT AND ANY SEDIMENT-LADEN BIORETENTION/RAIN GARDEN SOILS. AND REPLACING THE REMOVED SOILS WITH SOILS MEETING THE DESIGN SPECIFICATION.

PREVENT COMPACTING BIORETENTION AND RAIN GARDEN BMPS BY EXCLUDING CONSTRUCTION EQUIPMENT AND FOOT TRAFFIC. PROTECT COMPLETED LAWN AND LANDSCAPED AREAS FROM COMPACTION DUE TO CONSTRUCTION EQUIPMENT.

CONTROL EROSION AND AVOID INTRODUCING SEDIMENT FROM SURROUNDING LAND USES ONTO PERMEABLE PAVEMENTS. DO NOT ALLOW MUDDY CONSTRUCTION EQUIPMENT ON THE BASE MATERIAL OR PAVEMENT. DO NOT ALLOW SEDIMENT-LADEN RUNOFF ONTO PERMEABLE PAVEMENTS.

PAVEMENTS FOULED WITH SEDIMENTS OR NO LONGER PASSING AN INITIAL INFILTRATION TEST MUST BE CLEANED USING PROCEDURES FROM THE LOCAL STORMWATER MANUAL OR THE MANUFACTURER'S PROCEDURES.

KEEP ALL HEAVY EQUIPMENT OFF EXISTING SOILS UNDER LID FACILITIES THAT HAVE BEEN EXCAVATED TO FINAL GRADE TO RETAIN THE INFILTRATION RATE OF THE SOILS.

LEGEND

> DENOTES MINIMUM REQUIRED BMP's. AS SITE WORK PROGRESSES, CONTRACTOR MAY NEED TO INSTALL ADDITIONAL BMP's AS NEEDED.



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Know what's **below**.

CITY OF ARLINGTON CONSTRUCTION DRAWING APPROVAL

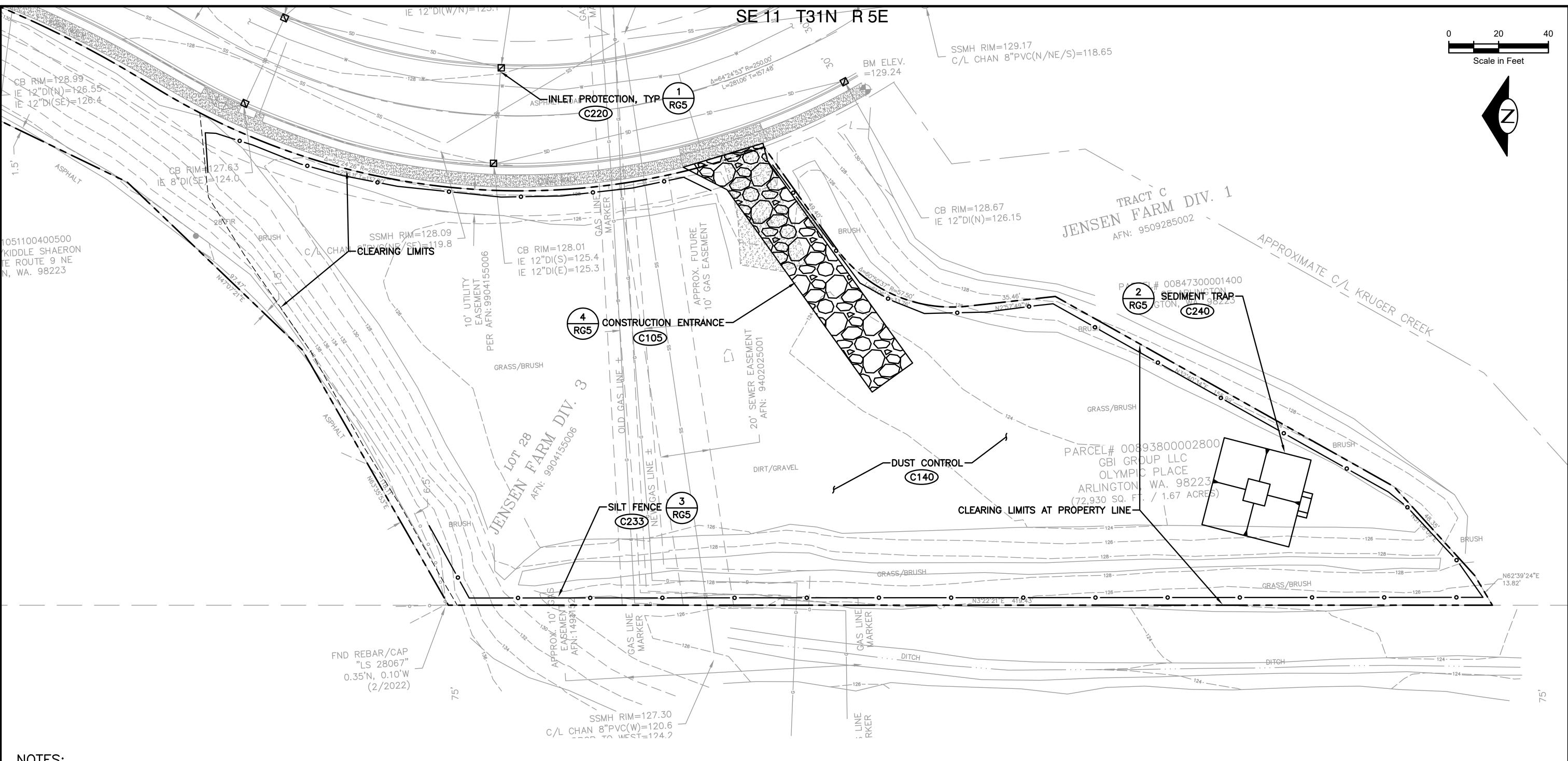
THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET.

Nova Heaton, PE, Development Services Manager

DATE: _____ THIS APPROVAL VALID FOR 18 MONTHS

Call before you dig.

JOB NO. 211102



NOTES:

- 1. SEE SHEET RG1 FOR GENERAL INFORMATION.
- 2. SEE SHEET RG2 FOR ELEMENTS OF CONSTRUCTION SWPPP.
- 3. THE 13 ELEMENTS SHOWN ON RG2 MUST BE CONSIDERED IN THE DEVELOPMENT OF THE CONSTRUCTION SWPPP UNLESS SITE CONDITIONS RENDER THE ELEMENT UNNECESSARY. IF AN ELEMENT IS CONSIDERED UNNECESSARY, THE CONSTRUCTION SWPPP MUST PROVIDE THE JUSTIFICATION.
- 4. THE SWPPP ELEMENTS COVER THE GENERAL WATER QUALITY PROTECTION STRATEGIES OF LIMITING SITE IMPACTS, PREVENTING EROSION AND SEDIMENTATION, AND MANAGING ACTIVITIES AND SOURCES.
- 5. ADDITIONAL INFORMATION AND REQUIREMENTS ARE OUTLINED WITHIN THE SWPPP NARRATIVE INCLUDED WITH THE DRAINAGE REPORT.
- 6. THE HIGHLIGHTED BMP's SHOWN ON SHEET C1.3 ARE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL MAINTAIN AND UTILIZE ADDITIONAL BMP's AS NECESSARY. ADDITIONAL INFORMATION ON EACH BMP CAN BE FOUND IN VOLUME II, CHAPTER 4 OF THE STORMWATER MANAGEMENT MANUAL OF WESTERN WASHINGTON.

LEGEND

BMP REFERENCE

INLET PROTECTION

---- CLEARING LIMITS —•— SILT FENCE

CONSTRUCTION ENTRANCE

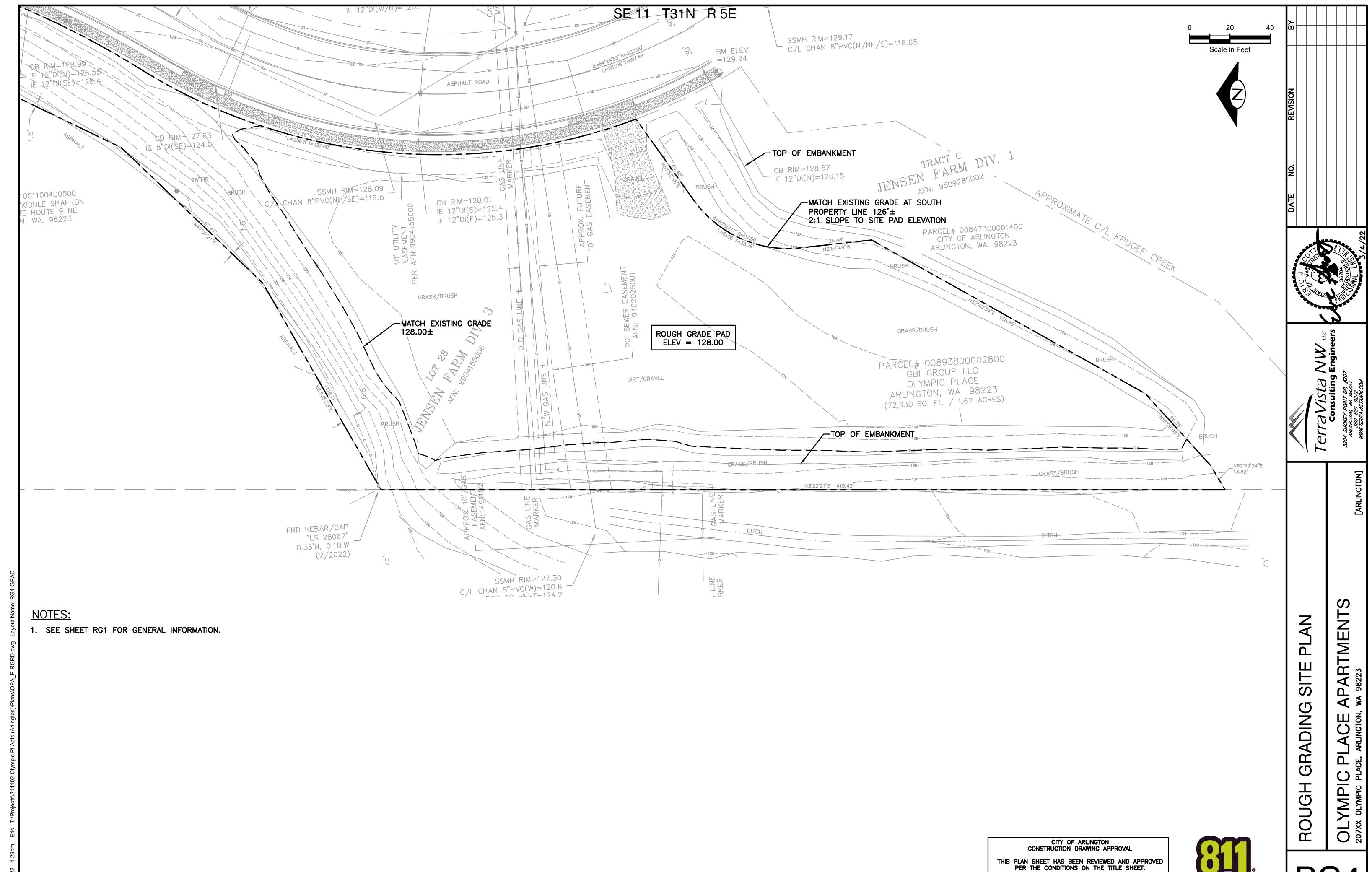
CITY OF ARLINGTON
CONSTRUCTION DRAWING APPROVAL THIS PLAN SHEET HAS BEEN REVIEWED AND APPROVED PER THE CONDITIONS ON THE TITLE SHEET. Nova Heaton, PE, Development Services Manager

Know what's **below**. DATE: _____ THIS APPROVAL VALID FOR 18 MONTHS **Call** before you dig.

JOB NO.

PARTMENTS 98223

OLYMPIC POTXX OLYMPIC P



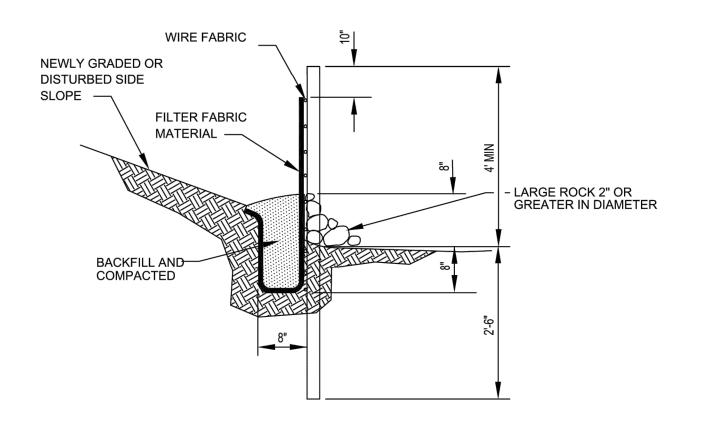
Know what's below.
Call before you dig.

Nova Heaton, PE, Development Services Manager

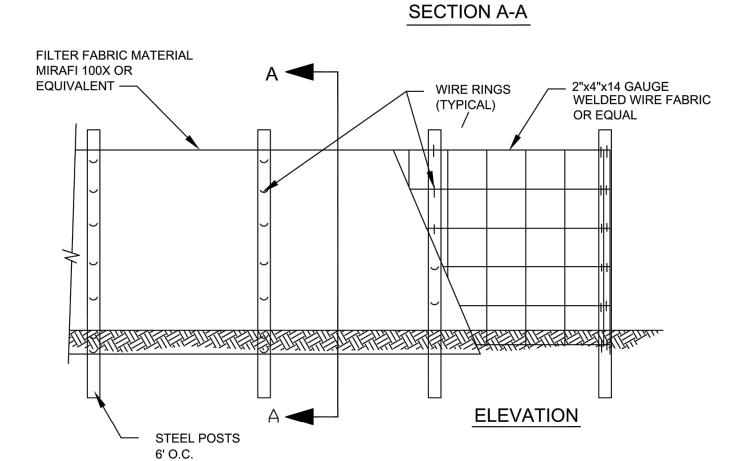
DATE: _____ THIS APPROVAL VALID FOR 18 MONTHS

JOB NO. 211102

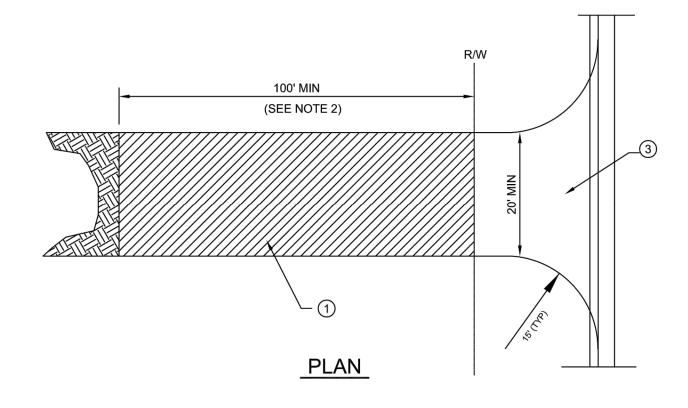


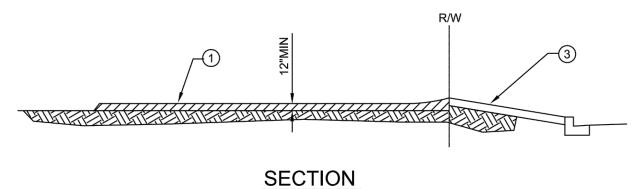


NOT TO SCALE









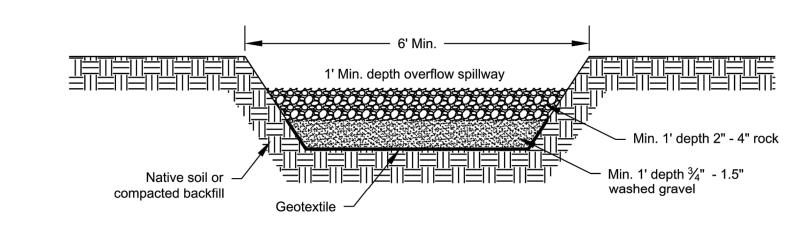
NOTES:

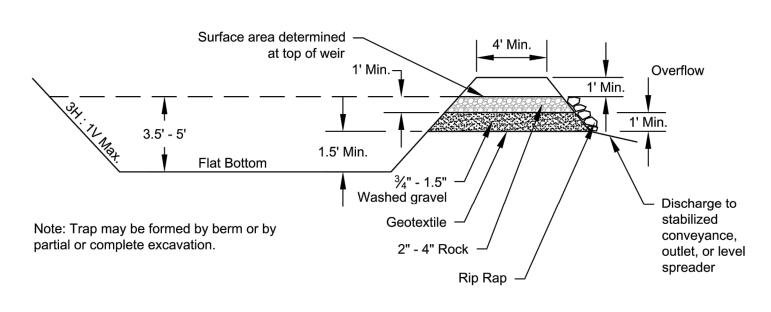
① QUARRY SPALLS 4" - 8", CRUSHED CONCRETE 4" - 8", OR HOG FUEL.

ISOMETRIC VIEW

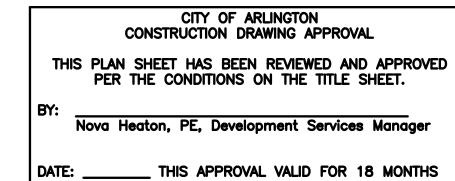
- 2 SEE FIGURE 4.2 IN THE 2005 STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR DETAILS. NOTE: THE MINIMUM 100LF OF ENTRANCE SHALL BE REDUCED TO THE MAXIMUM PRACTICABLE SIZE WHEN THEN SIZE OR CONFIGURATION OF THE SITE DOES NOT ALLOW THE FULL LENGTH (100LF).
- (3) EXISTING DRIVEWAY RAMP, OR SITE ACCESS ROAD 20' WIDE MIN. MATERIAL MUST BE EQUAL TO OR BETTER THAN SPECIFIED IN NOTE 1.
- A SEPARATION GEOTEXTILE SHALL BE PLACED UNDER THE SPALLS TO PREVENT FINE SEDIMENT FROM PUMPING UP INTO THE ROCK PAD. THE GEOTEXTILE SHALL MEET THE FOLLOWING STANDARDS:
 GRAB TENSILE STRENGTH (ASTM D4751) 200 PSI MIN.
 GRAB TENSILE ELONGATION (ASTM D4632) 30% MAX.
 MULLEN BURST STRENGTH (ASTM D3786-80A) 400 PSI MIN.
 AOS (ASTM D4751) 20-45 (U.S. STANDARD SIEVE SIZE)



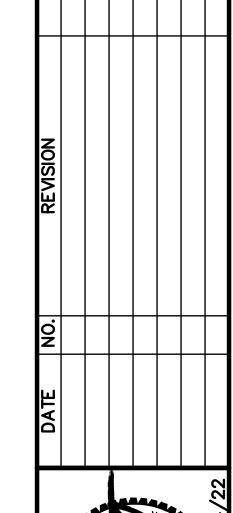














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ACE APARTMENTS

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DETAILS
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